



IFW  
A  
Attorney Docket No. 14364US21

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

Joseph J. Kubler

Serial No.: 10/822,462

Filed: April 12, 2004

For: HIERARCHICAL DATA  
COLLECTION NETWORK  
SUPPORTING PACKETIZED  
VOICE COMMUNICATIONS  
AMONG WIRELESS TERMINALS  
AND TELEPHONES

Examiner: Nguyen, Brian D.

Group Art Unit: 2681

Confirmation No.: 4632

11/10/2005 MWOLDGE1 00000020 130017 10822462

01 FC:1806 180.00 DA

SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

I. ENCLOSURES

Enclosed are the following:

- \* a completed PTO Form SB 08A which has two (2) pages, with a copy of same; and
- \* In accordance with M.P.E.P. §609.04(a), Applicant is not providing copies of printed or patent documents listed in the enclosed PTO Form SB 08A that were previously cited by or submitted to the PTO in the following issued United States Patents, to which the above-identified application claims priority under 35 U.S.C. § 120:  
United States Patent Application Serial No. 10/141,506 filed May 8, 2002, now U.S. Patent No. 6,850,510 issued February 1, 2005;

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

November 7, 2005

K. E. Borg

Kevin E. Borg  
Reg. No. 51,486

Unites States Patent Application Serial No. 09/037,535 filed March 10, 1998, now U.S. Patent No. 6,389,010 issued May 14, 2002;  
Unites States Patent Application Serial No. 08/539,817 filed October 5, 1995, now U.S. Patent No. 5,726,984 issued March 10, 1998.

II. EEE DETERMINATION

A fee is believed to be due.

- \* In compliance with 37 C.F.R. § 1.97(c)(2), Applicants respectfully submit the fee as set forth in 37 C.F.R. § 1.17(p) in the amount of \$180.00.

III. EEE PAYMENT

The following arrangements have been made to pay the fees calculated above:

- \* The Commissioner is hereby authorized to charge the fee of \$180.00 which is presently required to Deposit Account No. 13-0017.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 13-0017.

IV. REQUEST FOR CONSIDERATION

This paper and enclosures are believed to be entitled to consideration under 37 C.F.R. § 1.97, based on the facts stated above.

This submission is in no way intended as an admission that the cited references constitute prior art under any subsection of 35 U.S.C. § 102 or §103. Applicant expressly retains the right to argue that any of the cited references are not indeed prior art or to take any actions necessary to remove any of the cited references from the available prior art.

The Examiner is requested to initial both copies of the enclosed PTO form SB 08A and return one copy to the applicants to indicate consideration of the enclosed references.

Respectfully submitted,

Date: November 7, 2005

McAndrews, Held & Malloy, Ltd.  
500 West Madison Street, 34th Floor  
Chicago, Illinois 60661-2565  
Telephone: (312) 775-8084  
Facsimile: (312) 775-8100

Kevin E. Borg  
Kevin E. Borg  
Reg. No. 51,486

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

## Complete if Known

Application Number	10/822,462
Filing Date	4-12-2004
First Named Inventor	Kubler
Group Art Unit	2681
Examiner Name	Nguyen, Brian D
Attorney Docket Number	14364US21

## U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US-4,538,259 A	08/27/1985	Moore et al	
	A2	US-4,789,983 A	12/06/1988	Acampora et al	
	A3	US-4,837,858 A	06/06/1989	Ablay et al	
	A4	US-5,142,534 A	08/25/1992	Simpson et al	
	A5	US-5,295,154 A	03/15/1994	Meier et al	
	A6	US-5,359,598 A	10/25/1994	Steagall et al	
	A7	US-5,425,051 A	06/13/1995	Mahany et al	
	A8	US-5,434,858 A	07/18/1995	Focarile et al	
	A9	US-5,446,736 A	08/29/1995	Gleeson et al	
	A10	US-5,726,984 A	03/10/1998	Kubler et al	
	A11	US-5,608,786 A	03/04/1997	Gordon	
	A12	US-5,737,395 A	04/07/1998	Irribarren	
	A13	US-5,818,836 A	10/06/1998	Du Val	
	A14	US-5,850,385 A	12/15/1998	Esaki	
	A15	US-6,389,010 B1	05/14/2002	Kubler et al	
	A16	US-5,506,847 A	04/09/1996	Shobatake	
	A17	US-5,650,994 A	07/22/1997	Daley	
	A18	US-5,745,556 A	04/28/1998	Ronen	
	A19	US-5,842,224 A	11/24/1998	Fenner	
	A20	US-6,108,704 A	08/22/2000	Hutton et al	
	A21	US-6,131,121 A	10/10/2000	Mattaway et al	
	A22	US-6,850,510 B2	02/01/2005	Kubler et al	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	A23					
	A24					
	A25					
	A26					
	A27					

EXAMINER  
SIGNATURE

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1800-786-9199) and select option 2.

Rev. Sept. 03

X:\OPEN\prosecution\Broadcom-1772\14364US21\PTO Forms\Supplemental 1449.doc

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/822,462
				Filing Date	4-12-2004
				First Named Inventor	2681
				Group Art Unit	2681
				Examiner Name	Nguyen, Brian D
				Attorney Docket Number	14364US21
Sheet	2	Of	2		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A28	BLACK, UYLESS, ATM vol. I, Prentice Hall, 1995, pp 244-245.
	A29	
	A30	
	A31	
	A32	

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.